

Application No.: 10/024432

Docket No.: KAQ-003RCE

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) In a network having an electronic device, a method, comprising the steps of:

providing content in a generic markup language, said content in a generic markup language susceptible to being converted to a plurality of markup languages capable of being displayed to a user of a mobile device interfaced with said network;

providing at least one registry containing device information for multiple types of mobile devices, said information including device attributes for each type of mobile device, ~~said attributes including a programming language~~; and

receiving a request for said content from a user of a mobile device interfaced with said network;

retrieving said device information from said at least one registry; and

converting said content ~~from in a generic markup language~~ into device-specific content in response to said request, said device-specific content being customized based upon at least one device attribute in the device information retrieved from the at least one registry ~~said converting using said device information, said generic markup language capable of translating content written in said generic markup language into multiple programming languages.~~

2. (original) The method of claim 1 comprising the further step of:

translating said content from an original programming language into said generic markup language prior to converting said content into device-specific content.

3. (original) The method of claim 2, comprising the further steps of:

providing a translator capable of converting WML content into said generic markup language content; and

translating WML formatted content into said generic markup language content using said WML translator.

4. (original) The method of claim 2, comprising the further steps of:

providing a translator capable of converting HTML content into said generic markup language content; and

translating HTML formatted content into said generic markup language content using said HTML translator.

5. (original) The method of claim 1, comprising the further steps of:

marking the generic markup language content with identifiers; and

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performing the retrieving of device information from said at least one registry based on one of said identifiers marking said content.

6. (original) The method of claim 1 wherein said device information includes data rendering attributes of mobile devices.

7. (original) The method of claim 1, comprising the further steps of:
providing a set of rules regarding the translating of said content from said generic markup language into device-specific content; and
applying said rules in combination with said information from said at least one registry to generate device-specific content.

8. (original) The method of claim 7, comprising the further steps of:
receiving user preferences relating to the display of content on a mobile device; and
using at least one user preference to generate said device-specific content.

9. (original) The method of claim 8 wherein the at least one user preference is at least one of user interface choices, key mappings, key behavior, functionality, amount of information to be rendered, language, and location.

10. (original) The method of claim 1, comprising the further steps of:
providing a plurality of stylesheets for said generic markup language;
using said stylesheets in converting said content in said generic markup language into said device-specific content.

11. (original) The method of claim 10 wherein at least one of said stylesheets converts said generic markup language content into HTML content.

12. (original) The method of claim 10 wherein at least one of said stylesheets converts said generic markup language content into WML content.

13. (original) The method of claim 10 wherein at least one of said stylesheets converts said generic markup language content into HDML content.

14. (original) The method of claim 10 wherein at least one of said stylesheets converts said generic markup language content into i-mode content.

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15. (original) The method of claim 1 wherein the amount of said device-specific content that is delivered to said user is based on the display capacity of said mobile device.

16. (Currently Amended) In a network having an electronic device, a method, comprising the steps of:

providing content stored in a location interfaced with said electronic device, said content capable of being displayed to a user of a wireless device interfaced with said network;

providing a plurality of registries containing device information for multiple types of wireless devices, said information including device attributes for each type of wireless device, ~~said attributes including a programming language; and~~

translating said content from an original programming language into a generic markup language, said generic markup language ~~capable of translating content written in said generic markup language into multiple programming susceptible of being converted to a plurality of~~ markup languages;

receiving a request for said content from a user of a wireless device interfaced with said network;

retrieving said wireless device information from at least one of said plurality of registries; ~~and-~~

converting said content into device-specific content, said device-specific content customized based upon the at least one device attribute in the device information retrieved from the at least one of said plurality of registries in response to said request using said wireless device information.

17. (original) The method of claim 16, comprising the further steps of:

providing a database storing sets of individual user preferences, said database interfaced with said network;

retrieving a set of individual user preferences from said database; and

using said set of individual user preferences to create said device-specific content.

18. (original) The method of claim 17 wherein said set of individual user preferences includes at least one of user interface choices, key mappings, key behavior, functionality, amount of information to be rendered, language, and location.

19. (original) The method of claim 16 wherein said wireless device is a cellular phone.

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20. (original) The method of claim 16 wherein said wireless device is a PDA.

21. (Currently Amended) ~~In a network having an electronic device with a medium located thereon, said medium holding computer-executable steps for a method, said method, comprising the steps of:~~ A tangible medium holding computer-executable instructions for customizing data based upon device attributes, the instructions comprising:

instructions for providing content in a generic markup language, said content in a generic markup language susceptible of being converted to a plurality of markup languages capable of being displayed to a user of a mobile device interfaced with said network;

instructions for providing at least one registry containing device information for multiple types of mobile devices, said information including device attributes for each type of mobile device, said attributes including a programming language; and

instructions for receiving a request for said content from a user of a mobile device interfaced with said network;

instructions for retrieving said device information from said at least one registry;

instructions for converting said content from in a generic markup language into device-specific content in response to said request, said converting using said device information, said generic markup language capable of translating content written in said generic markup language into multiple programming languages; said device-specific content being customized based upon the device information retrieved from the at least one registry.

22. (Currently Amended) ~~The medium of claim 21 wherein said method, comprises the further steps of:~~ the instructions further comprise:

instructions for providing a database storing sets of individual user preferences, said database interfaced with said network;

instructions for retrieving a set of individual user preferences from said database; and

instructions for using said set of individual user preferences to create said device-specific content.

23. (previously presented) The method of claim 1 wherein the device attributes are at least one of the group of memory, storage capacity, communication speed, or type of operating system.